

REMARKS

Claims 1-228 are pending in the application. Specification has been amended to identify the nucleotide sequences in figures 13, 15, and 18 by SEQ ID NOS. No new matter has been inserted into the application.

Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures

In response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures dated February 27, 2007 indicating that the nucleotide sequences in figures 11, 13 and 18 do not have a sequence identifier, the specification has been amended to insert the sequence identifiers and identify the nucleotide sequences in figures 13, 15, and 18 in the Brief Description of the Drawings section at page 19. Applicants note that figure 11 does not have any nucleotide or amino acid sequence. However, Applicants note that there are nucleotide sequences in figure 15.

It is believed that the amended specification presented herewith indicating the nucleotide sequences in figures 13, 15, and 18 by sequence identifiers SEQ ID NOS:123, 130, 131, 133, and 135 complies with the requirements of 37 CFR 1.821 – 1.825.

Substitute Sequence Listing

A substitute Sequence Listing is submitted herewith to update Application File Reference and Individual Applicant Data in the Sequence Listing. No change has been made to SEQ ID NOS or the sequences in the Sequence Listing. The substitute Sequence Listing in no way introduces new matter into the specification.

Also submitted herewith in full compliance with 37 C.F.R. 1.821-1.825 is a computer readable for (CRF) copy of the substitute Sequence Listing. Applicant's undersigned representative hereby states that the information recorded in the CRF is identical to the written sequence listing.

CONCLUSIONS

Applicants believe that no further fee is due to consider the present amendment and reply. Nevertheless, the Director is hereby authorized to charge or credit any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. **502486**.

Dated: April 23, 2007

Respectfully submitted,

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